# CLAIMS

1. An image display device for receiving image signals and displaying an image, comprising:

a determining unit operable to determine a boundary position for dividing a displayed screen into a first area and a second area;

a first display unit operable to specify, based on the boundary position, image signals pertaining to part of the image to be displayed in the first area, to convert a color attribute of said image signals, and to display the part of the image in the first area based on said converted image signals; and

a second display unit operable to specify, based on the boundary position, image signals pertaining to a remaining part of the image to be displayed in the second area, and to display the remaining part of the image in the first area based on said image signals before or after converting a color attribute thereof.

2. The image display device of claim 1, wherein

the first display unit includes a table storage subunit operable to store therein a color conversion table which maps a same value or a different value for each of a plurality of possible pixel values of image signals, and

each pixel value pertaining to the part of the image to be displayed in the first area is converted to a corresponding value in accordance with the color conversion table.

3. The image display device of claim 2, wherein

the determining unit stores a pixel position pertaining to the boundary position, which is for dividing the display

5    screen vertically or horizontally,

the first display unit specifies pixel values pertaining to the part of the image to be displayed in the first area by counting a reception timing of received image signals with reference to the stored pixel position, and

10    the second display unit specifies pixel values pertaining to the remaining part of the image to be displayed in the second area by counting a reception timing of received image signals with reference to the stored pixel position.


15  4. The image display device of claim 3, wherein the determining unit determines the boundary position based on a user input, and stores the pixel position pertaining to the determined boundary position.


20  5. The image display device of claim 4, wherein the determining unit receives a user input of information showing a position on the display screen and determines the boundary position so that the position shown by the information is included in the first area.

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6. The image display device of claim 4, wherein the determining unit receives a user input of information showing a position on the display screen and determines the position

shown by the information to be the boundary position.

7. The image display device of claim 4, wherein the determining unit receives a user input of information showing
5    a position on a display and determines a position separated a given number of pixels from a pixel position pertaining to the position shown by the information to be the boundary position.

10    8. The image display device of claim 2, further comprising:
     a modification unit operable to modify content of the color conversion table based on a user input showing an instruction modifying content of the color conversion table.

15    9. The image display device of claim 8, wherein the modification unit specifies, based on a user input, a pixel value to be converted and the pixel value after conversion, and updates content of the color conversion table with the two specified values of the pixel signal.
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10. The image display device of claim 9, wherein the modification unit receives a user input of information showing a position on a display and specifies a pixel value of the position shown by the information as the pixel value
25    to be converted.

11. An image display method for receiving image signals and displaying an image, comprising the steps of:

determining a boundary position for dividing a displayed screen into a first area and a second area;

specifying, based on the boundary position, image signals pertaining to part of the image to be displayed in the first area, converting a color attribute of said image signals, and displaying the part of the image in the first area based on said converted image signals; and

specifying, based on the boundary position, image signals pertaining to a remaining part of the image to be displayed in the second area, and displaying the remaining part of the image in the second area based on said image signals before or after converting a color attribute thereof.